

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 30226		SERIAL NO. 07/699,479	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT David L. FOSNAUGH			
				FILING DATE May 13, 1991		GROUP 324 3724	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
h	4 2 8 5 7 5 4	08-25-91	DIMATTEO	—	—		
h	3 3 3 8 0 8 4	08-29-67	STECMAN, SR.	—	—		

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JAN 26 1993
GROUP 3200

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
h	1 6 5 2 9 4 0	09-12-74	GERMANY	—	—		
h	1 0 4 2 4 4 1	10-30-58	GERMANY	—	—		
h	1 3 3 8 4 9 0	03-28-01	GERMANY	—	—		
h	1 8 9 2 0 0 0	05-01-37	SWITZERLAND	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

h	Werkstatt und Betrieb; Author: Von Heinz Kuckenburg; Title:
	STANZEREITECHNIK; Date: 1961; Pages: 159-61 (English translation: pages 72 and 73 attached)
h	American Machinist; Author: Emil Loeffel; Title: SEGMENTED RINGS SAVE
	STRIP; Date: April 1, 1963; Pages: 96-99.

EXAMINER <i>HL</i>	DATE CONSIDERED 2/24/04
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
31171Serial No.
07/979,270

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant
David L. FOSNAUGHFiling Date
11/20/92Group
~~3204~~ 3724

U.S. PATENT DOCUMENTS

*Examiner Initials	Document #	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	1,916,379	07/1933	LELAND			
	2,386,147	10/1945	SIDEBOTHAM			
	3,107,566	10/1963	ARCHER			
	1,992,962	03/1935	MURCH			
	2,302,571	11/17/42	RAY			
	2,329,392	09/14/43	CRANE			
	2,552,109	05/08/51	NAHMAN			
	2,489,977	11/29/49	PORTER			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document #	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	DE3218132	11/17/83	GERMANY			X	
	DE3012319	10/08/81	GERMANY				
	724,588	02/23/55	UNITED KINGDOM				
	1 334 094	10/17/73	UNITED KINGDOM				
	0 251 628	01/07/88	EPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	EDITOR: DAVID A. SMITH; TITLE: <u>DIE DESIGN HANDBOOK</u> ; Title page and pages 16-11, 16-14 and 16-16; Third Edition; Publication Date Unknown
	Werkstatt und Betrieb; Author: Von-Heinz-Kuckenburg; Title: <u>STANZEREITECHNIK</u> ; Date: 1961; Pages: 159-61 (English translation: pages 72 and 73 attached)
	American Machinist; Author: Emil Loeffel; Title: <u>SEGMENTED RINGS - SAVE STRIP</u> ; Date: April 1, 1963; Pages: 96-99

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Patent and Trademark OfficeAny. Docket No.
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Applicant
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(Use several sheets if necessary)

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11/20/92Group
3204 3724

U.S. PATENT DOCUMENTS

*Examiner Initials	Document #	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	2,943,966	07/05/60	LENO ET AL.			
	2,975,312	03/14/61	FLORAN			
	3,002,263	10/03/61	FEINBERG ET AL.			
	3,010,185	11/28/61	HUME			
	3,022,480	02/20/62	TIFFANY			
	3,181,402	05/04/65	KUCK ET AL.			
	3,213,727	10/26/65	SCHWENNESEN			
	3,559,136	01/26/71	SPECHT ET AL.			
	3,786,710	01/22/74	BACKLIN			
	3,834,013	09/10/74	GERSTLE			
	3,842,493	10/22/74	OHUCHI ET AL.			
	3,983,621	10/05/76	DONAHOO			
	4,072,039	02/07/78	NAKANISHI			
	4,110,895	09/05/78	MITSUMI			
	4,536,952	08/27/85	SHINRYO ET AL.			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document #	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	0 133 858	03/13/85	EPO				
	0 133 859	03/13/85	EPO				
	WO88/02286	04/07/88	PCT				
	AUS1652940	09/12/74	GERMANY			X	
	1 042 441	10/30/58	GERMANY				

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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant David L. FOSNAUGH	
		Filing Date 11/20/92	Group 3204 3724

U.S. PATENT DOCUMENTS

*Examiner Initials	Document #	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	4,538,345	09/03/85	DIEDERICHS ✓			
	4,578,853	04/01/86	WURTH ✓			
	4,692,972	09/15/87	SCHULTES ✓			
	4,748,732	06/07/88	SCHULTES ✓			
	4,751,417	06/14/88	KRINICKAS JR. ET AL ✓			
	4,619,028	10/28/86	NEUENSCHWANDER ✓			
	4,904,539	02/27/90	KLING ET AL. ✓			
	4,285,754	08/25/91	DIMATTEO			

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Document #	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
	133 849	03/28/01	GERMANY				
	189 200	05/01/37	SWITZERLAND				
	PATENT 1652940	04/30/75	GERMANY ✓			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

n	Articles authored by George KEREMEDJIEV in the publication "Metal Forming" in the following issues: October 1988; April 1989; June 1989; July 1989; September 1989.
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EXAMINER <i>Allen</i>	DATE CONSIDERED 2/25/04
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			Filing Date 11/20/92	Group 3204 3724

U.S. PATENT DOCUMENTS

*Examiner Initials	Document #	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	3,338,084	08/29/67	STEGMAN, SR.			
<i>h</i>	1,818,150	08/11/31	MURCH	—	—	
	1,916,379	07/04/33	LELAND			
<i>h</i>	1,962,431	06/12/34	DALEY	—	—	
<i>h</i>	2,386,147	10/02/45	SIDEBOTHAM	—	—	
<i>h</i>	2,429,500	10/21/47	WOLFNER-2D	—	—	
<i>h</i>	2,880,539	04/07/59	FRENKEL ET AL.	—	—	
<i>h</i>	2,986,254	05/30/61	BORKE	—	—	
<i>h</i>	3,055,246	09/25/62	STEINBERG	—	—	
<i>h</i>	3,110,831	11/12/63	ZIMMERLE	—	—	
<i>h</i>	3,124,026	03/10/64	LOEFFEL	—	—	
<i>h</i>	3,175,277	03/30/65	BROWN ET AL.	—	—	
<i>h</i>	3,289,507	12/06/66	GREWE	—	—	
<i>h</i>	3,628,367	12/21/71	WIIG	—	—	
<i>h</i>	3,739,968	06/19/73	BODENDOERFER	—	—	
<i>h</i>	3,823,460	07/16/74	BERGMANN	—	—	
<i>h</i>	4,046,040	09/06/77	BOURDO	—	—	
<i>h</i>	4,110,895	09/05/78	MITSUMI	—	—	

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		Applicant David L. FOSNAUGH
		Filing Date 11/20/92
		Group 3204 3724

U.S. PATENT DOCUMENTS

*Examiner Initials	Document #	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
A	4,149,309	04/17/79	MITSUMI	—	—	
A	4,287,797	09/08/81	SERAGNOLI	—	—	
u	4,318,320	03/09/82	DAVIS	—	—	
u	4,349,997	09/21/82	HAYASAKA ET AL.	—	—	
u	4,524,507	06/25/85	HARA ET AL.	—	—	
already considered	4,578,853	04/01/86	WURTH			
u	4,586,236	05/06/86	JONES	—	—	
u	4,597,168	07/01/86	OBOSHI ET AL.	—	—	
already considered	4,619,028	10/28/86	NEUENSCHWANDER			
u	4,624,162	11/25/86	ARNOLD	—	—	
u	4,641,828	02/10/87	YAJIMA	—	—	
u	4,696,212	09/29/87	TOKUNO ET AL.	—	—	
u	4,845,832	07/11/89	MARTIN ET AL.	—	—	
u	4,993,290	02/19/91	OBRADOVIC	—	—	
u	4,998,430	03/12/91	HOWE	—	—	
u	5,163,217	11/17/92	SAKANISHI	—	—	
u	3,854,359	12/17/74	TAGAMI	—	—	

EXAMINER <i>Alin</i>	DATE CONSIDERED <i>2/25/04</i>
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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		Applicant David L. Fosnaugh	
		Filing Date May 13, 1991	Group 3204 3724

U.S. PATENT DOCUMENTS							
*Examiner Initials		Document #	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
<i>h</i>		4,906,809	03/06/90	Workman	—	—	

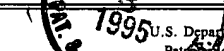
FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document #	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
<i>h</i>		855976		South Africa	—	—		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>h</i>		Undated brochure from Ceara Engineering, Limited (Northern Ireland) entitled "Syncrosine-Wavelength Correction For Register Control of Scroll-Slit Metal In Fixed Feed Length Progression Tools" (eight pages).
<i>h</i>		Undated "Outline Specification" (three pages) and layouts (four pages) from Ceara Engineering, Limited (Northern Ireland) relating to Syncrosine System.
<i>h</i>		"Syncrosine With Mechanical Servo Correction" (one double-sided page) and layout (one page) from Ceara Engineering, Limited (Northern Ireland).
<i>h</i>		Undated letter from Jock Workman of Ceara Engineering, Limited received by the attorneys for Applicant Fosnaugh on October 18, 1993 (one page).
<i>h</i>		Undated Syncrosine cover sheets from Ceara Engineering, Limited received by the attorneys for Applicant Fosnaugh on October 18, 1993 (three pages).

EXAMINER <i>Hevi</i>	DATE CONSIDERED <i>2/25/04</i>
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Form PTO-1449 <div style="text-align: center;">  </div> <div style="text-align: center;"> <h1>INFORMATION DISCLOSURE STATEMENT</h1> </div> <div style="text-align: center;"> <i>(Use several sheets if necessary)</i> </div>	Atty. Docket No. 30226	Serial No. 07/699,479
	Applicant David L. Fosnaugh	
	Filing Date May 13, 1991	Group 3204 3724

U.S. PATENT DOCUMENTS							
*Examiner Initials		Document #	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
<i>h</i>		3,388,582	06/18/68	Wesstrom	—	—	

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EXAMINER <i>Allen</i>	DATE CONSIDERED <i>2/25/04</i>
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FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document #	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
		Patentschrift 1652940		Germany			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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